AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-7. (Canceled).

8. (Withdrawn) The combination of:

an electrostimulating apparatus for applying electrical stimuli to biological tissues; and

a device for exchanging heat with said biological tissues.

9. (Withdrawn) The combination according to claim 8, wherein said device for exchanging heat comprises a device for heating said biological tissues.

10. (Withdrawn) The combination according to claim 8, wherein said device for exchanging heat comprises a device for cooling said biological tissues.

11. (Withdrawn) The combination according to claim 9, wherein said device for exchanging heat comprises a device for cooling said biological tissues.

12. (Withdrawn) The combination according to claim 8, wherein said device for exchanging heat comprises a device for controlling the temperature of said biological tissues.

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13.   (Withdrawn) The combination according to claim 9, wherein said device for exchanging heat comprises a device for controlling the temperature of said biological tissues.

14.   (Withdrawn) The combination according to claim 10, wherein said device for exchanging heat comprises a device for controlling the temperature of said biological tissues.

15.   (Withdrawn) The combination according to claim 11, wherein said device for exchanging heat comprises a device for controlling the temperature of said biological tissues.

16.   (Previously Presented) An electrostimulating apparatus that generates a relaxing sequence suitable for stimulating striated muscle fibre, based on three fundamental parameters: the width of the electric stimulation, the frequency of said stimulation and the intervals of time wherein a plurality of width/frequency combinations follows.

17.   (Previously Presented) An electrostimulating apparatus that generates a vasoactive sequence of activation of the microcirculation suitable for stimulating the smooth muscle fibre and the postsynaptic neuroceptors, based on three fundamental parameters: the width of the electric stimulation, the frequency of said stimulation and the time wherein a plurality of combinations of width/frequency follow.